

Remarks/Arguments

Reconsideration of the subject application as amended hereinabove is respectfully requested.

The Applicants would like to thank the Examiner for the courtesy extended during the telephone interview of August 17, 2004. As discussed at the interview, the present invention pertains to a system broadcasting programs that include a main audio track and a second audio track on the so-called SAP channel. The SAP channel can carry a voice track in a different language (Spanish, Italian, etc.) or it can carry other type of audio tracks, such as DVS (descriptor video service) or other English audio channel. The invention further covers TV receivers and their circuitry receiving this type of broadcast. As defined in independent claims 1, 8, 15, and 20, an important feature of the invention is that, incorporated into the broadcast signal, there is an SAP indication signal. This latter signal consists of information that defines the content of the SAP channel, i.e., whether it contains a track in another language, DVS , etc. The receiver includes a selector that selects whether the main audio track or the on the SAP channel or sound track is to be the active track based on the SAP indication signal.

Claims 1, 8, 15, 20, and 29 defines the invention as set forth above, i.e., by defining an SAP indication signal that is indicative of the SAP channel content. The Examiner has rejected these claims as being anticipated by the Kufta reference. The Applicants respectfully traverse these rejections. Kufta discloses TV set in which a DC signal is derived that is related to the SAP carrier level. As discussed at the interview, there are two features that distinguish the present invention over Kufta. First, the SAP indication signal is not generated locally, within the TV set, but is broadcasted together with the respective program. Second, the SAP indication signal provides content information, i.e., whether the SAP channel includes an audio track in a different language, DVS, etc. On the other hand, in the cited reference, the DC signal is

indicative only of the strength of the SAP signal. The TV set then uses this signal to determine whether it should be play the SAP or the main audio track.

Thus, it is respectfully submitted that the invention of claims 1, 8, 15, and 29 is clearly distinguishable.

Claims 5 and 24 pertain to a different aspect of the invention. In a standard TV set, a user selects either the main or the SAP audio track. Once this choice is made, it remains selected for any and all channels being watched by the users. However, as described in the specification (see for instance the table on page 7, it may be desirable to designate which audio track is to be played on a channel-by-channel basis. This can be implemented by providing a memory in which the user's audio track channel preference is stored. Then when the user selects a channel, the TV set automatically retrieves the corresponding preference and uses it to select either the main or the SAP audio channel.

The Examiner has rejected claims 5 and 24 (and claims dependent thereon) as being obvious over Kufta in view of Ryu reference. The Applicants respectfully traverse these rejections. Kufta has been discussed above. Ryu discloses a TV set capable of displaying a main program channel and a plurality of subchannels on a screen simultaneously. A switching circuit is provided to activate one of the audio tracks corresponding with the program channels being shown in the screen.

It is respectfully submitted that the Ryu reference has nothing to do with the invention of claims 5 and 24 since it does not address the problems associated with SAP and the solution presented herein. Moreover, the Kufta reference fails to disclose a memory for storing user preferences and a selector that automatically selects one of a main audio track and an SAP audio track in accordance with the preferences stored in the memory.

Accordingly, it is respectfully submitted that the subject matter of claims 5 and 24 are not

disclosed by the cited references, and therefore these claims should be allowed.

Changes In The Drawings

During the review of the subject application, it was discovered that Figs. 3 and 4 were inadvertently submitted. These drawings are not described in the specification and therefore the Applicants respectfully request that these drawings be withdrawn. In addition, it has been discovered that in Figs. 1 and 2, the pilot signal detector 18 has been omitted and that in Figs. 1A and 2A the pilot signal P and the modified pilot signal MP has been inadvertently replaced by signal CC. Enclosed are replacement sheets with Figs. 1, 1A, 2 and 2A corrected to conform with the specification. Also enclosed are Sketches A, B, and C indicating the changes made to the original figures.

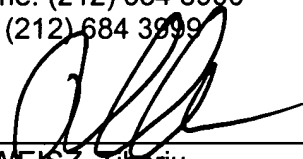
It is respectfully submitted that no new matter is being added to the subject patent application by these changes.

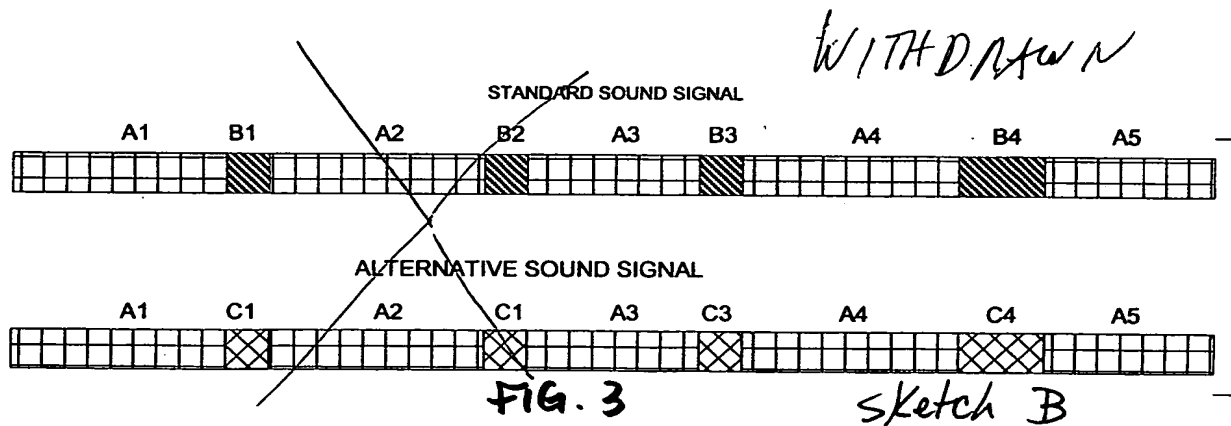
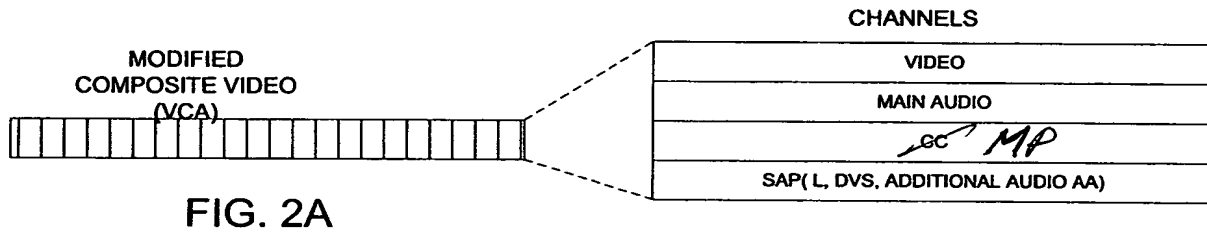
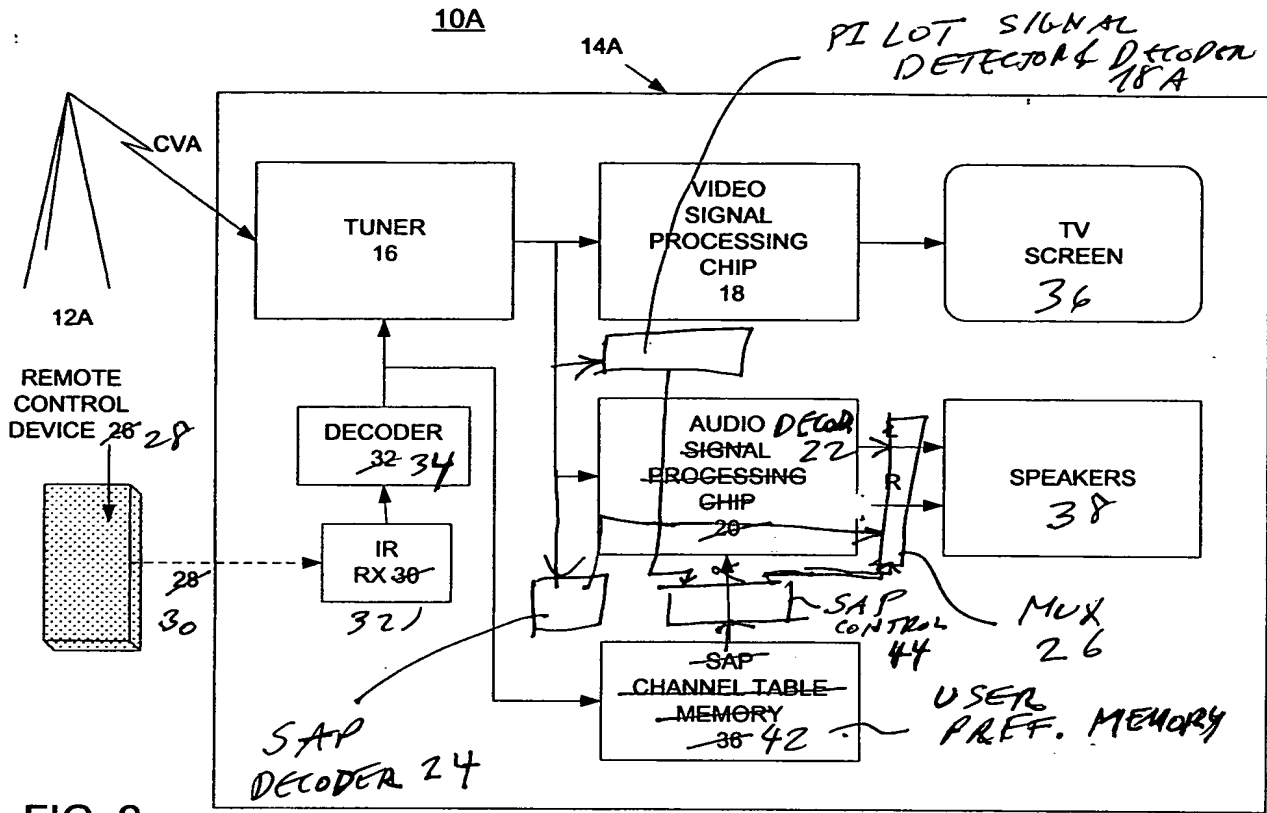
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New York, New York

Respectfully submitted,

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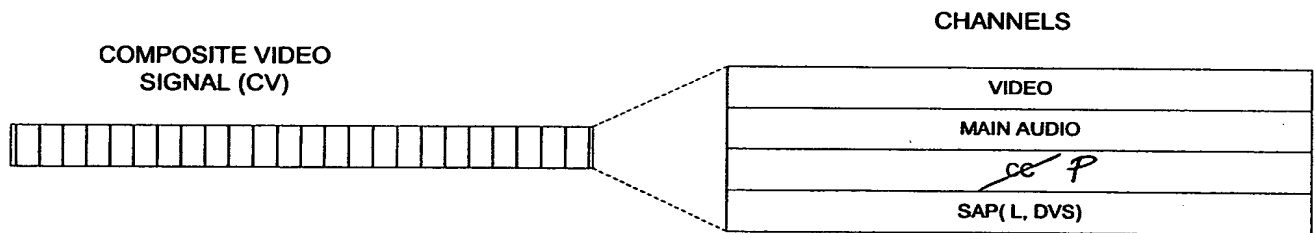
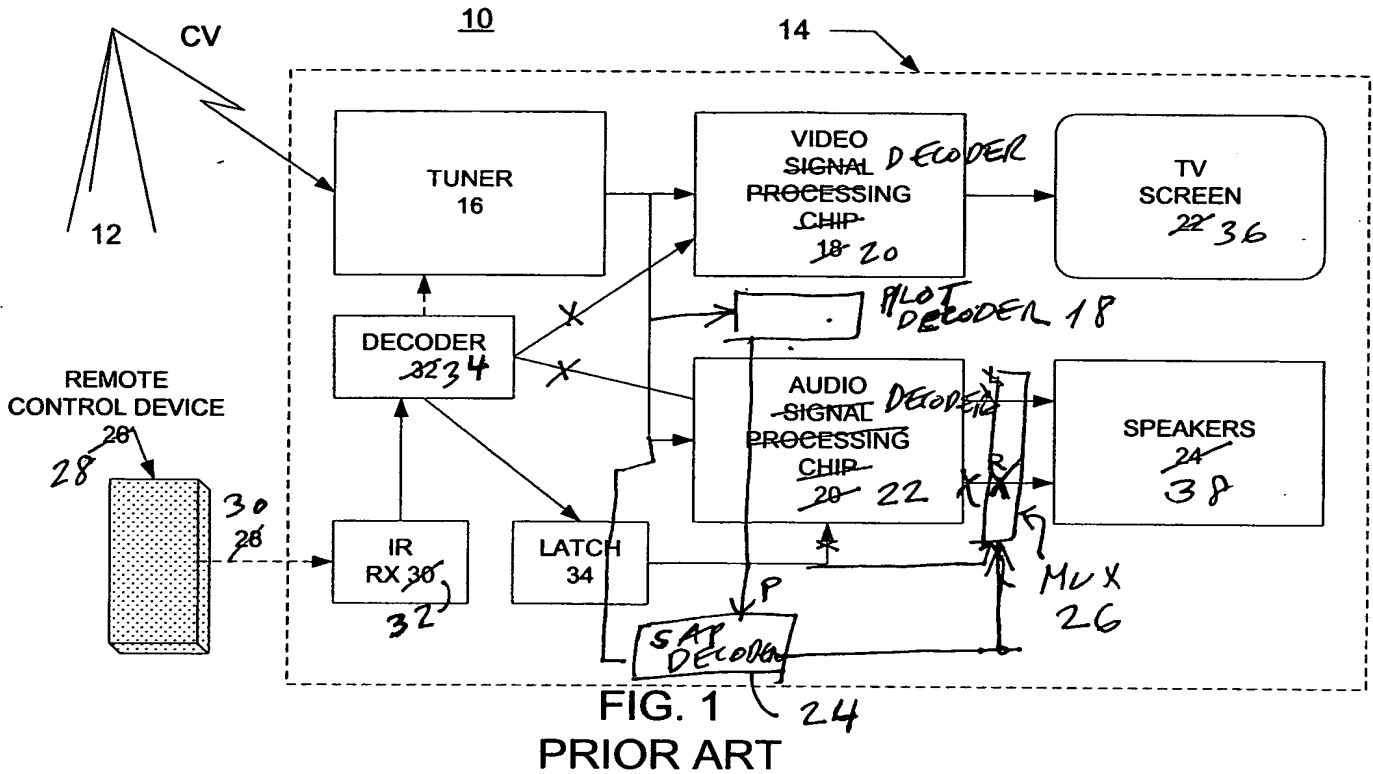


FIG. 1A PRIOR ART
 Sketch A

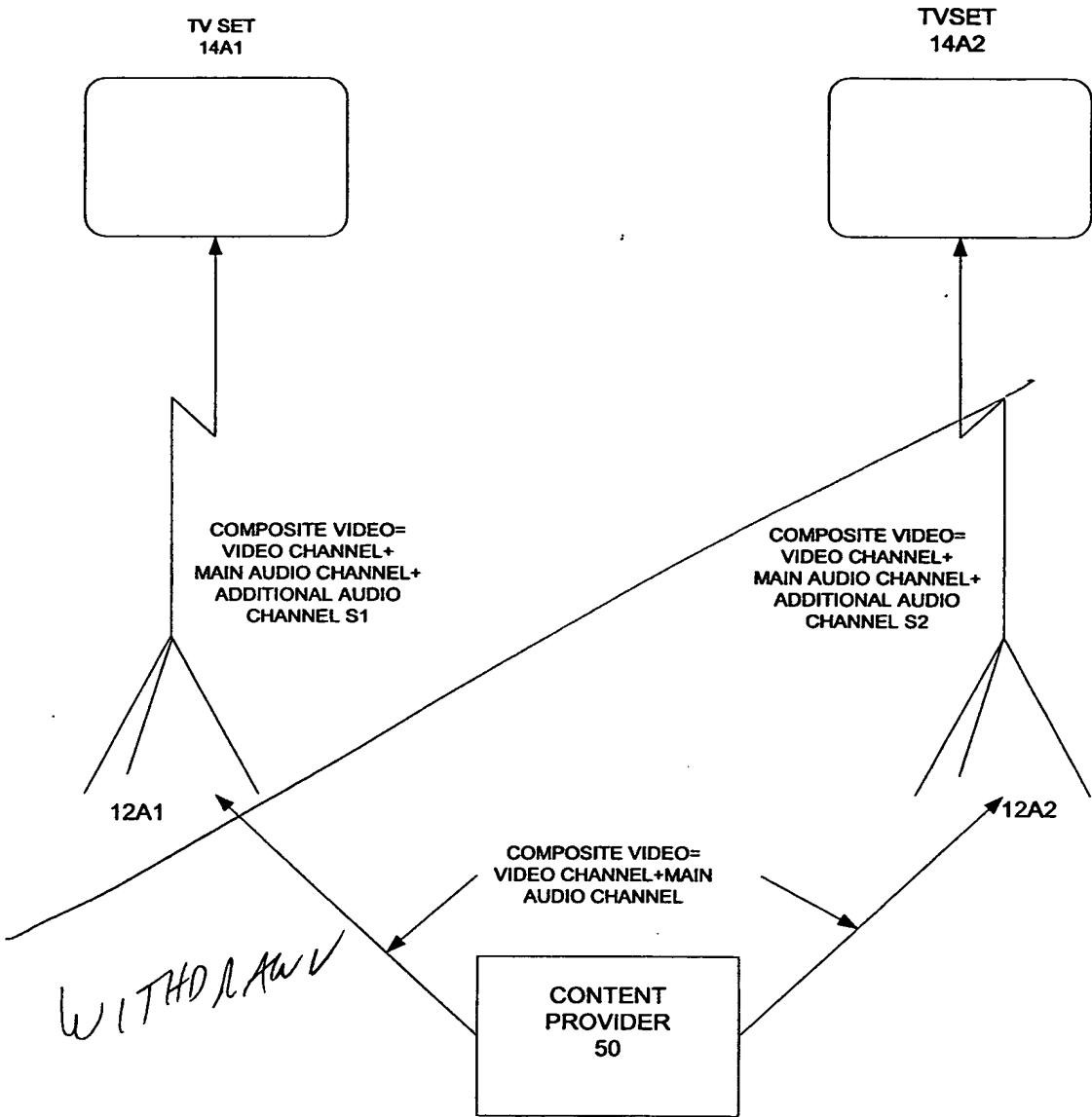


FIG. 4
Sketch C